

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS

1. (currently amended) A method to adapt a hearing device, comprising:

5 providing evaluation data for various predetermined auditory situations;

~~and~~

 adapting the hearing device to a hearing aid device user with individual

 weighting via a continuous weighting function that runs via

 supporting points that respectively represent an individual weighting

10 of the evaluation data of one of the predetermined auditory

 situations; and

determining the weighting vectors by performing an eigenvector analysis

of the specific audio signals.

15 2. (original) The method according to claim 1, further comprising:

 performing a sound signal analysis; and

 determining the evaluation data based on results of the sound signal

 analysis.

20 3. (original) The method according to claim 1, wherein the evaluation data
 comprise weighting vectors with regard to specific audio signals that are
 characteristic of the predetermined auditory situations.

 4. (cancelled).

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5. (original) The method according to claim 1, further comprising determining the weighting function for the individual weighting from auditory situations characteristic for the hearing device user.

5 6. (original) The method according to claim 1, further comprising determining the weighting function from at least one adaptation parameter and at least one value of the evaluation data.

7. (currently amended) A method for operating a hearing device, comprising:

10 recording an audio signal of a current auditory situation;
calculating signal evaluation data from the audio signal;
weighting the signal evaluation data utilizing a continuous weighting
function that is acquired according to one or more of the following:

15 a) utilizing supporting points that respectively represent an
individual weighting of the evaluation data of a
predetermined auditory situation;
b) utilizing weighting vectors with regard to specific audio signals
that are characteristic of the predetermined auditory
situation;

20 c) utilizing weighting vectors determined by performing an
eigenvector analysis of the specific audio signals;
d) utilizing weighting vectors that are determined for the individual
weighting from auditory situations characteristic for the
hearing device user; and

25 e) utilizing at least one adaptation parameter and at least one value
of the evaluation data; and

adapting the hearing device according to the weighted signal evaluation
data to the current auditory situation; and

determining the weighting vectors by performing an eigenvector analysis
of the specific audio signals.

8. (original) The method for operating a hearing device according to claim 7,
5 wherein the adapting of the hearing device is performed under real-time
conditions.

9. (currently amended) A device to adapt a hearing device, comprising:

10 a storage device configured to provide evaluation data for various
predetermined auditory situations;
an adaptation device configured to adapt the hearing device to a hearing
aid device user using individual weighting; ~~and~~
a continuous weighting function configured to implement, with the
adaptation device, the individual weighting , the continuous
15 weighing function configured to run via supporting points which
respectively represent an individual weighting of the evaluation data
of one of the predetermined auditory situations of the storage
device; and
an analysis device with which the weighting vectors can be determined via
20 eigenvector analysis of the specific audio signals..

10. (original) The device according to claim 9, further comprising:

a sound signal analysis device with which the evaluation data can be
determined for the predetermined situations, and from which the
25 evaluation data can be transferred to the storage device.

11. (original) The device according to claim 9, wherein the evaluation data comprise weighting vectors with regard to specific audio signals that are characteristic of the predetermined auditory situations.

5 12. (cancelled).

13. (original) The device according to claim 9, further comprising an offline adjustment device configured to determine the weighting function for the individual weighting from auditory situations characteristic for the hearing device
10 user.

14. (original) The device according to claim 13, wherein the weighting function can be determined from at least one adaptation parameter and a plurality of the evaluation data via the offline adjustment device.

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15. (currently amended) A hearing device, comprising:

a recording device configured to record an audio signal of a current auditory situation;

20 a computer device configured to calculate signal evaluation data from the audio signal;

a weighting device configured to weight the signal evaluation data with the aid of a continuous weighting function; ~~and~~

25 a control device or regulation device configured to adapt the hearing device according to the weighted signal evaluation data to the current auditory situation and;

an analysis device with which the weighting vectors can be determined via eigenvector analysis of the specific audio signals.

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16. (original) The hearing device according to claim 15, wherein the control device or regulation device is configured to adapt under real-time conditions.